

THIRD-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

36-086-42  
MITCHELLVILLE QUADRANGLE  
210 TENN.-16 KY.  
N3630-W8630/15  
DIAGRAM NJ 16-11  
NASHVILLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Simpson County, Kentucky; Robertson  
and Sumner Counties, Tennessee

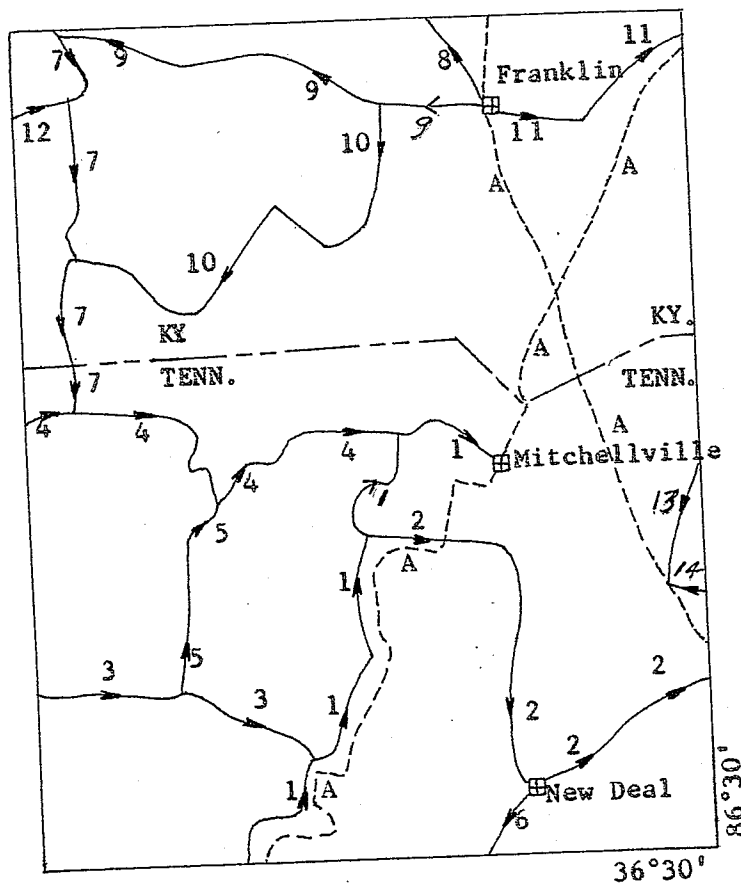
Final adjustment of 1973

Edition of 4/30/76

PR: DSW/sws

SALMONS  
(44)

ADAIRSVILLE  
(17 KY.-211 TENN.)



ADOLPHUS  
(15 KY.-209 TENN.)

GOODLETTSVILLE  
(177)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360864

36-086-42  
N3630-W8630/15

MARK (USGS)

PAGE NO.

MARK (USGS)

PAGE NO.

**NGS**

BRADLEY 1930 NO 11  
GROVES 1933 NO 2  
FRANKLIN 1933  
F 66 1935  
E 88 1935

5  
4  
8  
8,9  
10,10

## ISOLATED BENCH MARKS (By S. H. Birdseye, 1919; Book B509)

Feet

Franklin, 15 ft S. of station; inside of iron railing of small park; on iron post; standard cap stamped "717 KY 1919" (Tied by NGS, 1930) 717.123

Franklin, 3.8 mi E. of; in SW. corner of crossroads; on iron post; standard cap stamped "650 KY 1919" (Reported destroyed, 1950) 650.055

Franklin, 4.8 mi SE. of, along State Highway 73; 34 ft NNE. of, and 7 ft higher than centerline of hwy. at junction of T-rd. S.; 17 ft ESE. of 12-in. white oak tree; 5 ft SW. of 8-in. post oak tree; on iron post; standard cap stamped "PRIM TRAV STA NO 3 1920 KY" (Not found, 1968) 711.909

LINE 1.

By E. O. Miner, 1950; Book AV 156

U.E., White House, 3.2 mi N. of post office; 50 ft SW. of, and 6 ft lower than crossroads; on S. concrete headwall of culvert; chiseled square 769.44

White House, 4.2 mi N. of post office; 8.5 mi SW. of Kentucky State line; 95 ft E. and 5 ft higher than crossing of U. S. Highway 31-W and State Highway 25; 2 ft W. of fence; in concrete post; standard tablet stamped "36 EOM 1950 718" (Tied by NGS, 1959) 718.345

Reference mark, 110 ft SW. of tablet; 80 ft S. of crossroads; on concrete headwall of culvert; chiseled square 713.91

White House, 6.0 mi NE. of, along U. S. Highway 31W; at Mulloy; 16 ft N. and 72 ft E. of centerline of U. S. Highway 31W at intersection of graveled rd.; 5 ft E. of electric pole; in concrete post; standard tablet stamped "37 EOM 1950 774" 773.589

Reference mark; 58 ft SW. of tablet; on S. concrete headwall of culvert; chiseled square 771.41

Handleyton, 0.9 mi SE. of, along State Highway 52, thence 1.9 mi S.; 35 ft NW. of junction of drive W.; 19 ft W. of centerline of rd.; 2 ft SE. of NE. corner of garage of T. J. Wim; in concrete post; standard tablet stamped "38 EOM 1950 718" (Tied by NGS, 1959) 717.978

Handleyton, 0.9 mi SE. of, along State Highway 52; 41 ft SE. of, and 1 ft higher than centerline of Highway 52 at junction of graveled rd. S.; 16 ft E. of centerline of rd.; in concrete post; standard tablet stamped "39 EOM 1950 716" 715.757

Reference mark, 29 ft NE. of tablet; at S. edge of rd.; on 1- by 3-ft rock; chiseled square 715.76

Handleyton, 0.8 mi N., thence 0.5 mi E. of crossroads; 99 ft N. and 24 ft W. of rd. N.; 1 ft S. of garden fence; in concrete post; standard tablet stamped "40 EOM 1950 743" 743.355

LINE 1 (Cont'd.)Feet

Handleyton, 0.8 mi N. of, thence 0.5 mi E., thence 1.2 mi N., thence 0.3 mi E.; 830 ft S. of Highland School (now used as dwelling); 75 ft SW. of junction of Y-rd.; 12 ft W. of fence corner; 1 ft N. of fence; in concrete post; standard tablet stamped "41 EOM 1950 753" 753.424

Mitchell, 0.5 mi SW. of, along U. S. Highway 31W; 1.1 mi SW. of Kentucky-Tennessee State line; 380 ft S. of concrete bridge over Summers Branch; 66 ft SE. of, and 2 ft lower than centerline of hwy.; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "42 EOM 1950 713" (Reported destroyed, 1956) 713.082

Reference mark; 420 ft SW. of tablet; 30 ft W. of T-rd.; on W. end of L-shaped concrete headwall of culvert; chiseled square 729.31

Kentucky-Tennessee State line; 150 ft E. of center of U. S. Highway 31-W; 20 ft S. of, and 6 ft higher than center of graveled rd.; in concrete post; NGS standard reference mark disk stamped "GROVES 1933 NO 2" 758.264

LINE 2.

By E. O. Miner, 1950; Book AV 156

Kentucky State line; 3.7 mi SW. of; 4.6 mi W. of post office at Portland; 119 ft E. of junction of U. S. Highway 31-W and State Highway 52 (E.); 22 ft N. of center of rd.; 4 ft N. of fence; in concrete post; standard tablet stamped "43 EOM 1950 694" 693.566

Reference mark, 140 ft NW. of tablet; on NW. wingwall of concrete bridge; chiseled square 693.38

Portland, 3.0 mi W. of post office; 180 ft S. of junction of State Highway 52 and T-rd. S.; 17 ft E. of center of rd.; 10 ft W. of NW. corner of concrete block building; in concrete post; standard tablet stamped "44 EOM 1950 786" (Destroyed, 1955) 785.614

Portland, 3.0 mi W. of post office, along State Highway 52, thence 2.1 mi S. of; 700 ft W. of junction of Y-rd.; 100 ft W. of drive N.; 27 ft N. of and 7 ft higher than center of rd.; in concrete post; standard tablet stamped "45 EOM 1950 725" (Not found, 1956) 724.552

Portland, 3.0 mi W. of, along State Highway 52, thence 3.8 mi S.; 51 ft W. of T-rd. W.; 20 ft N. and 1 ft higher than center of rd.; 1 ft SE. of electric pole; in concrete post; standard tablet stamped "46 EOM 1950 863" 862.826

New Deal, 115 ft NW. of crossroads; 32 ft W. of, and 2 ft higher than center of rd.; 2 ft E. of electric pole; in concrete post; standard tablet stamped "47 EOM 1950 924" 924.005

LINE 2 (Cont'd.)Feet

Reference mark, 31 ft S. of tablet; on NE. corner of concrete well curbing; chiseled square	922.28
New Deal, 2.1 mi NE. of crossroads; at Chestnut Grove Church; 2 ft E. of N. corner of E. room; in concrete post; standard tablet stamped "48 EOM 1950 858"	858.178
Reference mark, 40 ft NW. of tablet; on N. corner of lowest concrete step at NE. door of church; chiseled square	859.29
New Deal, 3.7 mi NE. of; 1.1 mi W. of RR. station at Fountain Head; 150 ft S. of Y-intersection with rd. S.; 21 ft SW. of T-drive; 2 ft W. of electric pole; in concrete post; standard tablet stamped "49 EOM 1950 861"	861.144
<u>LINE 3.</u>	
By E. O. Miner, 1950; Book AV 156	
Cross Plains, 2.2 mi W. of Methodist Church; 91 ft S. of center of State Highway 25; 4 ft NW. of NW. corner of W. room of Mt. Carmel Church; in concrete post; standard tablet stamped "62 EOM 1950 732"	731.822
Reference mark, 40 ft NE. of tablet; on W. end of lowest concrete step at front of church; chiseled square	731.96
Cross Plains, 51 ft S. of center of State Highway 25; 5 ft NE. of NE. corner of Methodist Church; in concrete post; standard tablet stamped "63 EOM 1950 749"	749.104
Reference mark, 18 ft NW. of tablet; on E. end of lowest step at front of church; chiseled square	748.98
Cross Plains, 1.6 mi E. of Methodist Church; at top of hill; 43 ft N. of State Highway 25 and T-drive S.; in concrete post; NGS standard disk stamped "BRADLEY 1930 NO II"	792.952
Cross Plains, 2.0 mi E. of; 4.2 mi N. of White House along U. S. Highway 31-W, thence 2.0 mi W. along State Highway 25; 400 ft E. of pipeline crossing; 43 ft SW. of center of hwy.; 1 ft E. of fence; in concrete post; standard tablet stamped "64 EOM 1950 742"	742.265

1950

LINE 4.

Feet

By E. O. Miner, 1950; Book AV 156

Lamont, 2.4 mi NE. of; 2.5 mi NE. of crossroads at Orlinda along State Highway 49, thence 0.9 mi W.; at offset crossroads; 62 ft SE. of T-rd.; 117 ft NE. of T-rd.; 23 ft S. and 1 ft higher than center of rd.; in concrete post; standard tablet stamped "68 EOM 1950 723"

722.751

Orlinda, 2.5 mi NE. of crossroads, along State Highway 49, thence 1.1 mi E.; 113 ft W. of T-junction of rds.; 14 ft S. of center of rd.; 2 ft E. of fence; in concrete post; standard tablet stamped "69 EOM 1950 722"

722.069

Orlinda, 2.2 mi E. of crossroads, along State Highway 52, thence 1.5 mi N.; at offset crossroads; 600 ft W. of T-junction with rd. N.; 19 ft N. of T-junction with rd. S. and 4 ft higher; in concrete post; standard tablet stamped "70 EOM 1950 704"

703.591

Kentucky State line, 1.2 mi SW. of, along U. S. Highway 31-W, thence 4.5 mi W.; 53 ft E. and 4 ft higher than T-drive S., 1 ft N. of T-fence corner post; in concrete post; standard tablet stamped "71 EOM 1950 679"

678.643

Reference mark, 65 ft W. of tablet; on NW. corner of cattle guard; chiseled square

675.36

LINE 5.

By E. O. Miner, 1950; Book AV 156

U.E., Cross Plains, 0.8 mi N. of; at SE. corner of concrete bridge over South Fork of Red River; on wingwall; chiseled square

619.65

Cross Plains, 0.1 mi E. of Methodist Church, thence 1.5 mi N.; 80 ft E. of Greenwood Church; 52 ft W. of, and 6 ft higher than junction with T-rd. W.; 22 ft S. of center of rd.; in concrete post; standard tablet stamped "72 EOM 1950 738"

737.474

Reference mark, 430 ft S. of tablet; on center of E. concrete head-wall of culvert; chiseled square

732.94

Cross Plains, 3.8 mi N. of; 1.7 mi E. of crossroads at Orlinda; 107 ft S. of junction of State Highway 52 and macadam T-rd. S.; 21 ft E. of center of rd.; 2 ft N. of electric pole; in concrete post; standard tablet stamped "73 EOM 1950 750"

749.655

LINE 5 (Cont'd.)Feet

Reference mark, 420 ft S. of tablet; on W. concrete headwall of culvert; chiseled square

745.62

LINE 6.

By E. O. Miner, 1950; Book AV 156

There are no permanent marks on this line in this quadrangle.

LINE 7.

By J. J. Spahr, 1950; Book AV 184

Middleton, 2.5 mi S. of (1.7 mi SE. to rd. junction, thence 0.8 mi SW. along Schochon Road); 20 ft N. and 38 ft E. of, and 1 ft higher than centerline of rd.; at long tangent of rd. S.; 21 ft N. of center of rd.; 3 ft E. of power pole 16; in concrete post; standard tablet stamped "TT 67 CWH 1950 638"

637.526

Prices Mill, 2.0 mi N. of (0.9 mi NE. along Neosheo Road to rd. fork, thence 1.1 mi N. along left fork); 4.3 mi S. of Middleton, 22 ft N. and 30 ft W. of, and 2 ft higher than center of rd. at driveway W. leading to home of W. R. Gilbert; 15 ft N. of N. gatepost; 1.5 ft E. of fence; in concrete post; standard tablet stamped "TT 66 CWH 1950 598"

598.270

Reference mark, 320 ft S. of tablet; on E. end of 3-ft pipe culvert; chiseled square

594.54

Prices Mill, in village of; 110 ft SSW. of SW. corner of bridge over Red River; 22 ft S. and 52 ft W. of, and 5 ft higher than intersections of centerlines of rd. across bridge and driveway W.; 36 ft NW. of sugar-maple tree at NW. corner of yard; 4 ft SE. of power pole 54; in concrete post; standard tablet stamped "TT 65 CWH 1950 577"

576.545

Reference mark, 400 ft N. of tablet; on NW. concrete abutment of steel bridge over Red River; chiseled square

572.76

Prices Mill, 2.0 mi S. of (0.6 mi S. to rd. fork, thence 1.4 mi S. along Lamont Road); 49 ft S. and 26 ft W. of, and level with centerline of rd. (E.-W. portion); at long tangent of fence line S.; 27 ft E. of center of rd.; 20 ft N. of field gate; 1 ft W. of fence; in concrete post; standard tablet stamped "TT 64 CWH 1950 707"

707.249

1950

LINE 8.

Feet

By J. J. Spahr, 1950; Book AV 184

"F 66 1935" (NGS)

716.478

"FRANKLIN 1933" (NGS)

720.097

LINE 9.

By J. J. Spahr, 1950; Book AV 184

Franklin, 1.8 mi W. of, along State Highway 100; about 800 ft W. of Franklin Drive-In Theater; 33 ft S. and 26 ft E. and level with center of State Highway 100 at short tangent of curve in rd. S.; 7 ft SE. of telephone pole; 4 ft NW. of most westernly one of E.-W. row of young maple trees; in concrete post; standard tablet stamped "TT 63 CWH 1950 714"

713.588

Franklin, 3.3 mi W. of county courthouse, along State Highway 100; 6.0 mi E. of Middleton; 27 ft N. of T-rd. SW.; 9 ft S. of fence-line; in concrete post; standard tablet stamped "49 JJS 1950 692"

691.633

Middleton, 3.6 mi E. of church, along State Highway 100; 20 ft SE. of T-rd. N.; 3 ft W. of telephone pole; in concrete post; standard tablet stamped "50 JJS 1950 670"

669.278

Middleton, 2.3 mi E. of Baptist Church, along State Highway 100; 105 ft NE. of, and 5 ft higher than junction with T-rd. S.; 20 ft N. of center of hwy.; 5 ft E. of telephone pole; in concrete post; standard tablet stamped "51 JJS 1950 663"

663.103

LINE 10.

By J. J. Spahr, 1950; Book AV 184

Franklin, 2.2 mi SW. of, along State Highway 383; 42 ft S. and 27 ft W. and level with center of Highway 383 at rd. SW.; 22 ft SW. of NE. fence corner and 36-in. oak tree; 8 ft ENE. of power pole; 8 ft SE. of fence; in concrete post; standard tablet stamped "TT 62 CWH 1950 733"

732.259

Franklin, 4.3 mi SW. of (2.1 mi SW. along Kentucky Highway 383, thence 3.3 mi SW. along dirt rd. to crossroads at Schweizer), 37 ft S. and 6 ft E. of, and 2 ft higher than junction of NE.-SW. rd. and rd. SE. at offset crossroads, 40 ft NNW. of NE. corner of house; 14 ft S. of S. end of stone culvert; 6 ft ESE. of 20-in. walnut tree; in concrete post; standard tablet stamped "TT 61 CWH 1950 727"

726.683



LINE 10 (Cont'd.)Feet

Reference mark, 50 ft N. of tablet; on W. corner of N. L-shaped masonry headwall of culvert; chiseled square 725.61

Providence, 2.6 mi NE. of, along State Highway 383; 77 ft S. of junction with Y-rd. SE.; 20 ft W. and 2 ft above center of rd.; on concrete post; standard tablet stamped "52 JJS 1950 671" 670.537

Providence, in village of, 145 ft SSE. of SE. corner of church; 23 ft W. and level with center of State Highway 383; 2 ft S. of telephone pole; in concrete post; standard tablet stamped "53 JJS 1950 736" 736.050

Reference mark, 86 ft SE. of tablet; on top of concrete foundation of for signpost; on steel base plate; chiseled cross 739.12

Providence, 0.7 mi SW. of village of, along State Highway 383, thence 1.5 mi NW.; 1.4 mi SE. of Prices Mill; 57 ft SE. of and 4 ft higher than junction with Y-rd. NE.; 27 ft E. of center of rd. SE.; 12 ft SE. of 2-ft oak tree; in concrete post; standard tablet stamped "54 JJS 1950 643" 643.082

Reference mark, 20 ft NW. of tablet; on NW. corner of L-shaped masonry headwall; chiseled square 640.42

LINE 11.

By J. J. Spahr, 1950; Book AV 184

"F 66 1935" (NGS) (Also in line 8) 716.478

U.E., Franklin, 1.2 mi E. of; 1250 ft W. of tablet (55 JJS 1950); on SE. corner of center of masonry pier of steel bridge over West Fork Drakes Creek; chiseled square 596.73

Franklin, 2.0 mi E. of county courthouse at, along State Highway 100; at intersection of State Highways 73 and 265; 184 ft E. of T-intersection with State Highway 73 S.; 55 ft S. of centerline of Y-intersection with State Highway 265 NE.; 39 ft S. of and level with centerline of State Highway 100; 4 ft W. of telephone pole; in concrete post; standard tablet stamped "55 JJS 1950 646 RESET 1954" 645.806

Franklin, 2.0 mi E. of county courthouse, along State Highway 100, thence 1.7 mi E. along State Highway 265; 4.2 mi W. of Gold City; 53 ft E. of center of offset crossroads; 42 ft S. and level with center of hwy.; 23 ft E. of corner fence post; in concrete post; standard tablet stamped "56 JJS 1950 648" (Destroyed, 1968) 647.654

MITCHELLVILLE QUADRANGLE  
Book AV 184

210 TENN.-16 KY.

J. J. Spahr

36-086-42  
10

1950

LINE 12.

Feet

By J. J. Spahr, 1950; Book AV 184

There are no permanent marks on this line in this quadrangle.

LINE 13.

By S. E. Mattingly, 1956; Book AV 484

"E 88 1935" (NGS)

793.043

LINE 14.

By S. E. Mattingly, 1956; Book AV 484

Portland, 0.5 mi W. of city limits sign, along State Highway 52 E.;  
21 ft N. and 32 ft W. of, and 1 ft higher than centerline of inter-  
section of S. Russell Street and Highway 52; in SE. corner of  
churchyard to Portland Nazarene Church; 4 ft W. of concrete  
sidewalk; 1 ft N. of fenceline; in concrete post; standard tablet  
stamped "78 MAT 1956 812"

811.518

Reference mark; 39 ft NE. of, and 5 ft lower than tablet; 45 ft E.  
of Portland Nazarene Church; on NE. corner of bottom step; chiseled  
square

809.28

Portland, 0.4 mi N. of RR. station, along Rapid rd.; at SW. corner  
of cemetery; 150 ft SE. of Church of Christ; 40 ft N. and 20 ft  
E. of, and 31 ft higher than centerline of junction of Rapid rd.  
and long tangent of rd. NW.; 10 ft N. and 19 ft E. of centerline  
of Rapid rd. at S. Cemetery Drive; 5 ft NE. of power pole; in  
7- by 7-in. concrete post; standard tablet stamped  
"TT 45 CWH 1950"

814.931

"E 88 1935" (NGS) (Also in line 13)

793.043

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

36-086-42  
MITCHELLVILLE QUADRANGLE  
210 TENN.-16 KY.  
N3630-W8630/15  
DIAGRAM NJ 16-11  
NASHVILLE

Robertson and Sumner Counties, Tenn.;  
Logan and Simpson Counties, Ky.

Edition of 6/24/76

PR: CRV/rmm

Plane coordinates are based on Lambert projection,  
Kentucky, South Zone, and Tennessee Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch

SALMONS  
(44)

MORTIMER  
(221 TENN.-17 KY.)

KENTUCKY  
TENNESSEE

Mitchellville  
田

ADOLPHUS  
(15 KY.-209 TENN.)

86°30'

GOODLETTSVILLE  
(177)

36°30'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

210 TENN.-16 KY.  
MITCHELLVILLE QUADRANGLE

36-086-42  
N3630-W8630/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

PTS NO 26 1919 KY	3
PTS NO 3 1920 KY	3
TT 43 CWH 1950	3
TT 44 CWH 1950	3
TT 45 CWH 1950	3
TT 46 CWH 1950	3
TT 58 CWH 1950	4
TT 59 CWH 1950	5
TT 60 CWH 1950	5
TT 61 CWH 1950	6
TT 62 CWH 1950	5
TT 63 CWH 1950	5
TT 64 CWH 1950	5
TT 65 CWH 1950	6
TT 66 CWH 1950	6
TT 67 CWH 1950	6
36 EOM 1950 718	4
37 EOM 1950 774	4
38 EOM 1950 718	4
39 EOM 1950 716	4
40 EOM 1950 743	4
41 EOM 1950 753	4
42 EOM 1950 713	5
68 EOM 1950 723	5

210 TENN.-16 KY.  
MITCHELLVILLE QUADRANGLE

36-086-42  
3

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1919-20; Books A4753; C5105

Franklin, 2.2 mi E. of, along State Highway 73, thence 1.8 mi NE. along State Highway 265; 0.2 mi S. of Oak Grove School; 17 ft S. of centerline of Highway 265 at junction of rd. N.; 15 ft NE. of fence corner; 2 ft N. of wire fence; on iron post; standard tablet stamped "PRIM TRAV STA NO 26 1919 KY" (Reported destroyed, 1950)

Tenn.) X = 1,848,730 Y = 852,944 36 44 02.50 86 30 58.14

Franklin, 4.8 mi SE. of, along State Highway 73; 34 ft NNE. of, and 7 ft higher than centerline of hwy. at junction of T-rd. S.; 17 ft ESE. of 12-in. white oak tree; 5 ft SW. of 8-in. post oak tree; on iron post; standard cap stamped "PRIM TRAV STA NO 3 1920 KY" (Not found, 1968)

X = 1,848,884 Y = 839,388 36 41 48.48 86 30 55.37

By C. W. Haas, 1950; Book AH 156

Portland, 3.4 mi S. of, along State Highway 109; 23 ft N. and 59 ft W. of, and 2 ft lower than centerline of hwy. at junction of driveway W.; 10 ft NW. of power pole; in concrete post; standard tablet stamped "TT 43 CWH 1950"

X = 1,852,029 Y = 779,754 36 31 58.99 86 30 12.99

Portland, 1.5 mi S. of, along State Highway 109; 33 ft N. and 53 ft W. of, and 2 ft higher than intersection of hwy. and dirt crossroad; 40 ft N. of power pole; 7 ft N. of SE. fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TT 44 CWH 1950" (Reported destroyed, 1957)

X = 1,850,255 Y = 789,756 36 33 37.80 86 30 35.37

Portland; 0.4 mi N. of RR. station, along Rapids Road; at SW. corner of cemetery; 150 ft SE. of Church of Christ; 40 ft N. and 20 ft E. of, and 3 ft higher than centerline of rd. at junction of long tangent of rd. NW.; 10 ft N. and 19 ft E. of centerline of rd. at junction of south cemetery drive; 5 ft NE. of power pole; in concrete post; standard tablet stamped "TT 45 CWH 1950"

X = 1,848,699 Y = 799,344 36 35 12.53 86 30 55.06

Portland, 2.2 mi NE. of RR. station, along Rapids Road; 5.3 mi SW. of Rapids; 8 ft N. and 57 ft E. of, and 2 ft lower than centerline of rd. at junction of private rd. E.; 10 ft S. of 10-in. cedar tree; 6 ft N. of SW. fence corner and 12-in. cedar tree; 1 ft W. of fence; in concrete post; standard tablet stamped "TT 46 CWH 1950" (Reported destroyed, 1956)

X = 1,852,457 Y = 805,440 36 36 12.99 86 30 09.37

210 TENN.-16 KY.  
MITCHELLVILLE QUADRANGLE

36-086-42

4

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

White House, 4.2 mi N. of post office, along U. S. Highway 31W, thence 1.5 mi SE. along State Highway 25; 16 ft N. and 39 ft E. of, and 1 ft higher than centerline of Highway 25 at fenceline ENE.; 11 ft E. of 12-in. locust tree; 8 ft ENE. of SE. corner of field; 1 ft NW. of fence; in concrete post; standard tablet stamped "TT 58 CWH 1950"

Tenn.) X = 1,819,144 Y = 773,014 36 30 50.49 86 36 55.39

White House, 4.2 mi N. of post office, along U. S. Highway 31W; 95 ft E. of, and 5 ft higher than intersection of Highway 31W and State Highway 25; 2 ft W. of fence; in concrete post; standard tablet stamped "36 EOM 1950 718"

X = 1,812,881 Y = 777,852 36 31 37.93 86 38 12.48

White House, 6.0 mi NE. of, along U. S. Highway 31W; at Mulloy; 16 ft N. and 72 ft E. of centerline of U. S. Highway 31W at intersection of graveled rd.; 5 ft E. of electric pole; in concrete post; standard tablet stamped "37 EOM 1950 774"

X = 1,816,943 Y = 786,071 36 32 59.45 86 37 23.36

Handleyton, 0.9 mi SE. of, along State Highway 52, thence 1.9 mi S.; 35 ft NW. of junction of drive W.; 19 ft W. of centerline of rd.; 2 ft SE. of NE. corner of garage of T. J. Wim; in concrete post; standard tablet stamped "38 EOM 1950 718"

X = 1,817,518 Y = 794,479 36 34 22.62 86 37 16.96

Handleyton, 0.9 mi SE. of, along State Highway 52; 41 ft SE. of, and 1 ft higher than centerline of Highway 52 at junction of graveled rd. S.; 16 ft E. of centerline of rd.; in concrete post; standard tablet stamped "39 EOM 1950 716"

X = 1,818,742 Y = 802,439 36 35 41.41 86 37 02.57

Handleyton, 0.8 mi N. of, thence 0.5 mi E. of crossroads; 99 ft N. and 24 ft W. of centerline of rd. at junction of rd. N.; 1 ft S. of garden fence; in concrete post; standard tablet stamped "40 EOM 1950 743"

X = 1,818,192 Y = 808,386 36 36 40.17 86 37 09.78

Handleyton, 0.8 mi N. of, thence 0.5 mi E., thence 1.2 mi N., thence 0.3 mi E.; 830 ft S. of Highland School (now used as dwelling); 75 ft SW. of junction of Y-rd.; 12 ft W. of fence corner; 1 ft N. of fence; in concrete post; standard tablet stamped "41 EOM 1950 753"

X = 1,820,424 Y = 814,101 36 37 36.81 86 36 42.84

210 TENN.-16 KY.  
MITCHELLVILLE QUADRANGLE

36-086-42

5

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Mitchell, 0.5 mi SW. of, along U. S. Highway 31W; 1.1 mi SW. of Kentucky-Tennessee State line; 380 ft S. of concrete bridge over Summers Branch; 66 ft SE. of, and 2 ft lower than centerline of hwy.; 3 ft N. of telephone pole; in concrete post; standard tablet stamped "42 EOM 1950 713" (Reported destroyed, 1956)

Tenn.) X = 1,832,136 Y = 811,361 36 37 10.44 86 34 18.99

Mitchell, 2.4 mi NW. of, thence 1.1 mi SW.; 10 ft N. and 15 ft E. of, and 1 ft higher than projected centerline of main rd. at right-angled turn; 16 ft NW. of mailbox of R. P. Gossett; 2 ft N. and 4 ft E. of SW. fence corner; in concrete post; standard tablet stamped "TI 59 CWH 1950"

X = 1,822,949 Y = 821,631 36 38 51.43 86 36 12.44

Mitchell, 3.4 mi NW. of; 3 ft N. and 33 ft E. of, and level with centerline of rd. at junction of driveway NE.; 39 ft NE. of mailbox of Joe Atwoods; 7 ft S. of NW. fence corner; 3 ft SW. of fence; in concrete post; standard tablet stamped "TI 60 CWH 1950"

X = 1,824,014 Y = 828,078 36 39 56.79 86 35 59.87

Franklin, 2.1 mi SW. of, along State Highway 383; 42 ft S. and 27 ft W. of, and level with centerline of Highway 383 at junction of rd. SW.; 22 ft SW. of NE. fence corner and 36-in. oak tree; 8 ft ENE. of power pole; 8 ft SE. of fence; in concrete post; standard tablet stamped "TI 62 CWH 1950 733"

X = 1,821,497 Y = 843,429 36 42 26.88 86 36 31.90

Franklin, 1.8 mi W. of, along State Highway 100; about 800 ft W. of Franklin Drive-In Theater; 33 ft S. and 26 ft E. of, and level with centerline of Highway 100 at short tangent of curve in rd. S.; 7 ft SE. of telephone pole; 4 ft NW. of westernmost one of E.-W. row of young maple trees; in concrete post; standard tablet stamped "TI 63 CWH 1950 714"

X = 1,821,113 Y = 850,023 36 43 32.04 86 36 37.13

Lamont, 2.4 mi NE. of; 2.5 mi NE. of crossroads at Orlinda along State Highway 49, thence 0.9 mi W.; at offset crossroads; 62 ft SE. of I-rd.; 117 ft NE. of I-rd.; 23 ft S. and 1 ft higher than centerline of rd.; in concrete post; standard tablet stamped "68 EOM 1950 723"

X = 1,787,962 Y = 817,330 36 38 06.44 86 43 21.31

Prices Mill, 2.0 mi S. of; 49 ft S. and 6 ft W. of, and level with centerline of rd. at long tangent of fenceline S.; 27 ft E. of centerline of rd.; 20 ft N. of gate to field; 1 ft W. of fence; in concrete post; standard tablet stamped "TI 64 CWH 1950 707"

X = 1,784,800 Y = 825,151 36 39 23.51 86 44 00.83



210 TENN.-16 KY.  
MITCHELLVILLE QUADRANGLE

36-086-42  
6

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

Prices Mill; 110 ft SSW. of SW. corner of bridge over Red River; 22 ft S. and 52 ft W. of, and 5 ft higher than centerline of rd. across bridge at junction of driveway W.; 36 ft NW. of sugar maple tree at NW. corner of yard; 4 ft SE. of power pole 54; in concrete post projecting 1 in. above lawn; standard tablet stamped "TT 65 CWH 1950 577"

Tenn.) X = 1,785,978 Y = 834,260 36 40 53.64 86 43 47.20

Prices Mill, 2.0 mi N. of; 4.3 mi S. of Middleton; 22 ft N. and 30 ft W. of, and 2 ft higher than centerline of rd. at junction of driveway W. leading to residence of W. R. Gilbert; 15 ft N. of gatepost; 2 ft E. of fence; in concrete post; standard tablet stamped "TT 66 CWH 1950 598"

X = 1,786,792 Y = 842,956 36 42 19.68 86 43 37.99

Middleton, 1.7 mi SE. of, along State Highway 665, thence 0.8 mi SW. along Schochoh Road; 20 ft N. and 38 ft E. of, and 1 ft higher than centerline of rd. at long tangent of rd. S.; 21 ft N. of centerline of rd.; 3 ft E. of power pole; in concrete post; standard tablet stamped "TT 67 CWH 1950 638"

X = 1,785,959 Y = 851,494 36 43 44.02 86 43 49.00

MARK TIED BY NGS

Franklin, 2.1 mi SW. of, along State Highway 383, thence 2.2 mi SW.; at offset crossroads; 31 ft SE. of centerline of paved rd.; 28 ft SW. of centerline of graveled rd.; 40 ft NW. of NW. corner of frame house; 8 ft SE. of 12-in. black walnut tree; in concrete post; standard tablet stamped "TT 61 CWH 1950 727"

X = 1,816,970.41 Y = 833,777.96 36 40 51.171 86 37 26.755